

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

1. Canceled.
2. (Currently Amended) The color-changing apparatus of claim 1 ~~5~~ wherein said at least the first filter flag comprises said first filter flag and at least a second filter flag, said second filter flag of a second color and exhibiting, along at least a portion of a length thereof, a second range of second color-saturation gradations in the second color.
3. (Currently Amended) The color-changing apparatus of claim 2 wherein said at least first filter-flag positioner comprises said first filter-flag positioner and at least a second filter-flag positioner, said second filter-flag positioner for supportively positioning said second filter flag at an angle offset from the axial ~~direction~~ direction of the light beam, said second filter-flag positioner for translating said second filter flag selectably to position a selected portion thereof in the light beam, the light-beam characteristic of the light beam further dependent upon which, ~~if any,~~ portion of said ~~filter-flag~~ filter flag forms the selected portion of the second filter flag positioned in the light beam.
4. (Original) The color-changing apparatus of claim 3 wherein said at least second filter flag comprises said second filter flag and at least a third filter flag, said third filter flag of a third color and exhibiting, along at least a portion of a length thereof, a third range of third color-saturation gradations in the third color.
5. (Currently Amended) The color-changing apparatus of claim 4 wherein said at least second filter-flag positioner comprises said second filter-flag positioner and at least a third filter-flag positioner, said third filter-flag positioner for supportively ~~positing~~ positioning said third filter flag at an angle offset from the axial direction of the light beam, said third filter-flag

positioner for translating said third filter-flag selectably to a position a selected portion thereof in the light beam, the light beam characteristic of the light beam further dependent upon which, if any, portion of said third ~~filter-flag~~ filter flag forms the selected portion of the third filter flag positioned in the light beam.

6. (Original) The color-changing apparatus of claim 5 wherein the first color of which said first filter is formed comprises cyan, wherein the second formed comprises yellow, and wherein the third color of which said third filter is formed comprises magenta.

7. (Currently Amended) The color-changing apparatus of claim 4 15 wherein said at least the first ~~filter-flag~~ filter flag comprises a dichroic filter.

8. (Currently Amended) ~~The color-changing apparatus of claim 1 wherein Color-changing apparatus for a light assembly having a light source that generates a light beam in at least an axial direction, said color-changing apparatus comprising:~~

at least a first filter flag formed of a first color, said first filter flag exhibiting along at least a portion of a length thereof, a first range of first color-saturation gradations in the first color, the first range of the first color-saturation gradations extend extending along the first filter flag to define a less saturated region of the first portion and a more saturated region; and said first filter flag further comprises comprising a second portion, the second portion exhibiting a first selected constant saturation level[.]; and

at least a first filter-flag positioner for supportively positioning said at least first filter flag at least selectably at an angle offset from the axial direction of the light beam, said first filter-flag positioner for translating said first filter flag selectably to position a selected portion thereof in the light beam, a light-beam characteristic of the light beam dependent upon which portion of said first filter-flag forms the selected portion selectably positioned in the light beam.

9. (Currently Amended) The color-changing apparatus of claim + 15 wherein changes in the first color-saturation gradations extend in a linear direction along the at least the portion of the length of said first filter flag.

10. (Original) The color-changing apparatus of claim 8 wherein said first filter flag further comprises a third portion, the third portion exhibiting a third selected constant saturation level.

11. (Currently Amended) The color-changing apparatus of claim + 15 wherein the angle offset from the axial direction at which said first filter-flag positioner supportively positions said first filter flag comprises a substantially perpendicular angle, substantially perpendicular to the axial direction of the light beam.

12. (Currently Amended) The color-changing apparatus of claim + 15 wherein said first filter flag positioner further comprises a linear translation actuator for actuating translation of said first filter flag to position the selected portion of said first filter flag in the light beam.

13. (Currently Amended) The color-changing apparatus of claim 12 wherein the linear translation actuator of said first filter flag positioner is a selectably actuatable in a first direction and in a second direction, reverse of the first direction.

14. (Original) The color-changing apparatus of claim 12 wherein said filter-flag positioner comprises a carrier frame, positionable about selected side surfaces of said first filter flag and wherein the linear translation actuator comprises an actuator having an actuation arm attached to a side of the carrier frame.

15. (Currently Amended) ~~The color-changing apparatus of claim 1 wherein~~ Color-changing apparatus for a light assembly having a light source that generates a light beam in at least an axial direction, said color-changing apparatus comprising:

a first lens and a second lens spaced apart therefrom, the first lens and the second lens positioned in a path defined by an axial direction of the light beam;

at least a first filter flag formed of a first color, said first filter flag exhibiting along at least a portion of a length thereof, a first range of first color-saturation gradations in the first color;

at least a first filter-flag positioner for supportively positioning said at least first filter flag at least selectably at an angle offset from the axial direction of the light beam, said first filter-flag positioner for translating said first filter flag selectably to position a selected portion thereof in the light beam, a light-beam characteristic of the light beam dependent upon which portion of said first filter-flag forms the selected portion selectably positioned in the light beam;
and

the light assembly comprising a first lens and a second lens spaced apart therefrom, the first lens and the second lens positioned in a path defined by the axial direction of the light beam, and wherein said first filter flag is positionable by said first filter-flag positioner between the first lens and the second lens.

16. (Currently Amended) A method for selectably changing a color of a light beam generated at a light source of a light assembly, the light beam generated in at least an axial direction, said method comprising:

positioning an optical assembly comprising at least two lens in a path defined by the axial direction of the light beam;

supportively positioning at least a single first filter-flag filter flag at least selectably at an angle offset from the axial direction of the light beam between the two lens and moveable across the light beam, the single first filter-flag filter flag formed of a single first color, and the first filter flag exhibiting along at least a portion of a length thereof, a first range of first color-saturation gradations in the first color; and

selectably supportively positioning a selected portion of the at least the first filter-flag single second filter flag in the light beam between the two lenses and moveable across the light beam, a light-beam characteristic of the light beam dependent upon which, if any, portion

positioning of the at least the single first filter flag and the single second filter flag is positioned in the light beam to integrate the light and to provide a single color output beam.

17. Canceled.

18. (Currently Amended) The method of claim 17 wherein said ~~operation-operations~~ of selectably supportively positioning are independent of each other comprises independently ~~positioning any selected portion of any filter flag of the set of filter flags in the light beam.~~

19. (Currently Amended) The method of claim 17 wherein ~~each~~ the single first filter flag and the single second filter flag are of the set of filter flags is supportively positioned during said ~~operation-operations~~ of supportively positioning at a common side of the light beam generated by the light source.

20. (Currently Amended) The method of claim 17 wherein at least one of the single first filter flag and the single second filter flag ~~filter flags of the set of filter flags~~ includes an opaque portion.

21. (Currently Amended) Apparatus for selectably altering characteristics of a light beam generated by a light source of a light assembly, said apparatus comprising:

a first filter flag having a first part and at least a second part, the first part of the said first filter flag exhibiting first color characteristics and the second part of said first filter flag exhibiting second color characteristics, any of the first part and the at least the second part of said first filter flag positionable in the light beam;

a second filter flag having a first part and at least a second part, the first part of said second filter flag exhibiting third color characteristics and the second filter flag exhibiting fourth color characteristics, any of the first part and the at least the second part of said second filter flag also positionable in the light beam, selection of which parts of said first and second filter flags, respectively, positioned in the light beam determinative of lighting characteristics

thereof; said first and second filter flags selectably positionable through sliding, linear translation along an axis substantially perpendicular to the light beam.

22. (Currently Amended) Color-changing apparatus for a light assembly having a light source that generates a light beam in at least an axial direction, said color-changing apparatus comprising:

a first lens positioned in-line with the light beam, said first lens for redirecting light energy of the light beam incident thereon in directions generally parallel to the axial direction of the light beam;

a filter flag formed of at least a first color supportively positioned, through linear translation, at an angle direction offset from the axial direction of the light beam and in-line with the light beam, once redirected by said first lens, said filter flag for coloring the light beam; ~~and~~

a second lens positioned in-line with the light beam, once colored by said filter flag, said second lens for shaping the light beam in a desired manner[.]]; and

a linear translation actuator for actuating translation of said filter flag to position a selected portion of said filter flag in the light beam.

23. (Currently Amended) A color-changing apparatus for a light assembly having a light source that generates a beam in at least an axial direction, said color-changing apparatus comprising:

a light source producing a light source light beam;

an optical assembly comprising at least two lens groups positioned in a path defined by the axial direction of the light beam;

a single first filter flag formed of a single first color supported between the two lenses so as to be moveable across said light beam;

a second single filter flag formed of a second single color supported between the two lenses so as to be movable across said light beam;

wherein said single first filter flag is positioned between the two lenses of the optical assembly so as to integrate the light and provide a single color output beam.

24. (Currently Amended) The apparatus of claim 1 23 where the single first filter flag is of a first primary color.

25. (Currently Amended) The apparatus of claim 1 23 where the single first filter flag exhibits along at least a portion ~~of its length~~ thereof a first range of first color-saturation gradations in the color.

26. Canceled.

27. (Currently Amended) The apparatus of claim ~~[[4]]~~ 23 where the second single filter flag is of a second primary color.

28. (Currently Amended) The apparatus of claim ~~[[4]]~~ 23 where at least a third single filter flag formed of a single third color supported so as to be moveable across said light beam is additionally positioned between the two lenses.

29. (Currently Amended) The apparatus of claim ~~6~~ 28 where the third single filter flag is of a third primary color.

30. (Currently Amended) The apparatus of claim ~~6~~ where 28 wherein the three single filter flags are serially arranged and, comprise, respectively, Cyan, Magenta and Yellow filters.

31. (Currently Amended) The apparatus of claim 1 23 where the single first filter flag comprises a dichroic filter.

32. (Currently Amended) The apparatus of claim 1 23 where the light output is soft focused and does not produce a defined image.

Appl. No. 10/804,572
Amdt. dated June 21, 2006
Reply to Office Action of March 21, 2006

33. (Currently Amended) The apparatus of claim 4 23 where the light output is hard focused and produces a defined image.